



I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 6-18-07

Signature: Mary Jo Nispe

(Mary Jo Nispe)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Srikanth Gopalan Confirmation No.: 6246
Application No.: 10/511,644 Art Unit: 1724
Filed: October 18, 2004 Examiner: Greene, Jason M.
Title: HYDROGEN SEPARATION USING OXYGEN ION-ELECTRON MIXED
CONDUCTING MEMBRANES

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated January 17, 2007, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.